

- 1 -

piece 1, NC_000913, gltF_yhcA-, config: linear, direction: -, begin: 3360163, end: 3359943

5' a a a t a c a g t g a a t g t a g t g t c t g a g c a t t a a a t t a a a c t c c t g t a a t a a t g a t a a a t a a c g c a g a a a c a t t a t t g t t a 3'

lys - tyr - ser - glu - cys - asn - val - ser - glu - his - leu - asn -
 - asn - thr - val - asn - val - met - cys - leu - ser - ile - - - - -

fMet - ile - asn - asn - ala - glu - thr - tyr - cys -

 p35 3.6 bits

[### ... orf

p35 5.6 bits

{-----} sd-(6)-ir 3360111 Gap 4.3 bits

|-----| sd-ir 3360111 gltF_yhcA- total 6.6 bits

The diagram illustrates two p10 nodes. The left node is labeled "p10 3.3 bits" and features a cyan background with green and blue components. The right node is labeled "p10 2.7 b" and has a cyan background with green, orange, and red components.

{ } p35-(24)-p10 3360126 Gap 2.4 bits
p35-p10 3360126 total 4.5 bits

{-----| p35-(22)-p10 3360111 Gap 2.3 bit
|-----| p35-p10 3360111 total 5.9 bits

Sequence alignment diagram showing the amino acid sequence of a protein across different organisms. The sequence starts with methionine (Met) at position 1. The alignment shows conserved amino acids in red, while others are in black. The diagram includes a color-coded scale bar at the top and a legend below it.

... > orf 10 codons

pronto+ p10 5.5 bit

.4 bits

The diagram illustrates a DNA sequence with several transcription start sites indicated by asterisks (*). The sequence is labeled 5' at the left end and 3' at the right end. The bases are color-coded: Adenine (red), Thymine (green), Cytosine (blue), Guanine (magenta), and Uracil (yellow). Poly-A tails are shown as red vertical bars extending from the 3' end of each transcript.

- ... NC_000913.glt